

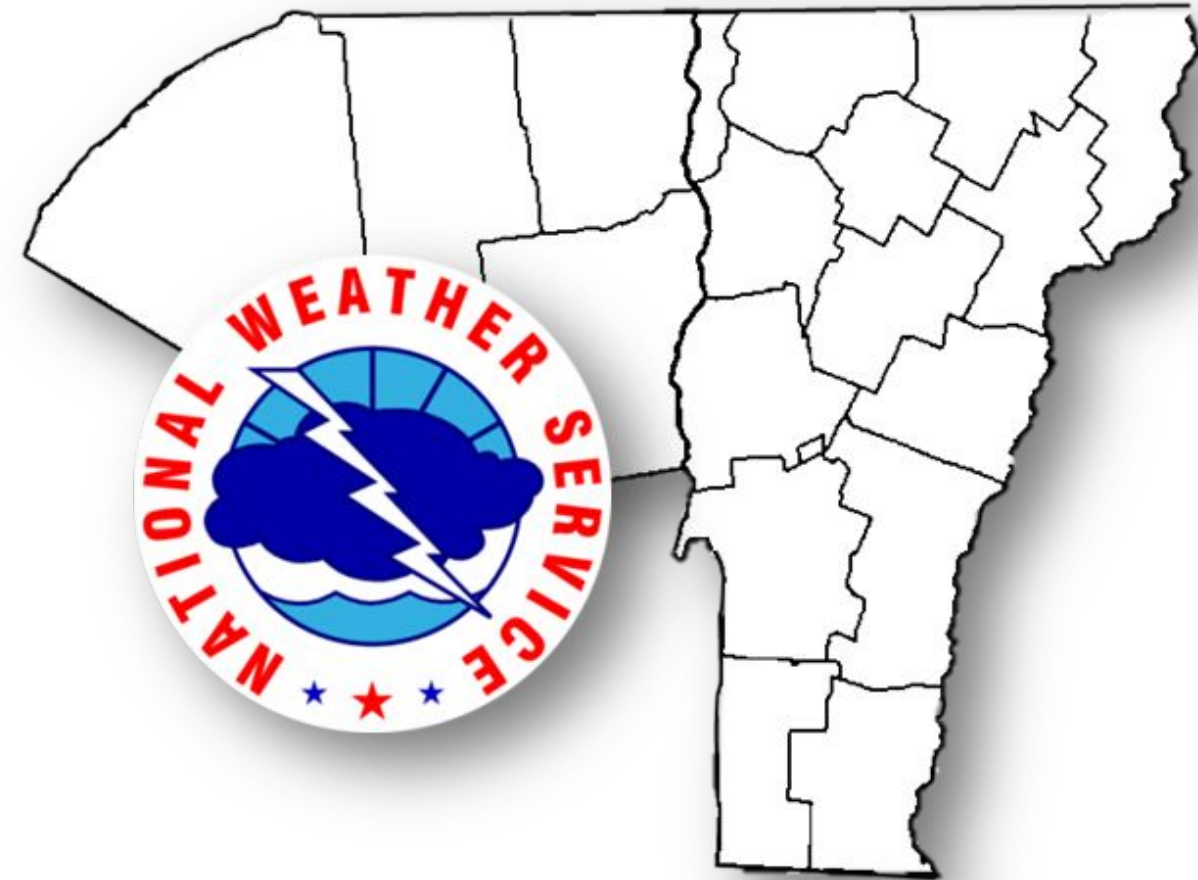


# NWS Burlington: Winter/Spring Flood Outlook #4

March 6, 2025  
12:11 PM

For northern New York and all of Vermont

**Valid: March 6 to 20, 2025**





# Overview

March 6, 2025  
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**OVERVIEW/TAKEAWAYS:**

- The open water and ice jam flood potential is near normal for the entire area for the next two weeks.
- With our most recent storm over the past 24 hours, significant, but not extreme melt and compaction of the snowpack has occurred across our region. This has led to some river ice breakup with a few ice jams and associated minor flooding reported. This threat will end this evening as colder air filters back into the region.
- On average, above normal temperatures are expected over the next two weeks. Above normal precipitation is also expected, which should fall largely as intermittent periods of light rain or snow.
- River ice coverage is now variable across the region, with some reaches now largely clear of ice while others remain ice-bound.
- While milder temperatures and above normal precipitation are forecast, there are no large-scale heavy rainfall events on the horizon that would give alarm to an enhanced risk of additional open water or ice jam flooding during the forecast period. Thus the normal risk.

**HAZARDS & IMPACTS**

- A few ice jams and associated minor flooding have occurred today. The threat of isolated ice jam flooding will continue through early evening (Mar. 6). Thereafter, the threat of open water or additional ice jam flooding is normal for the outlook period as a whole

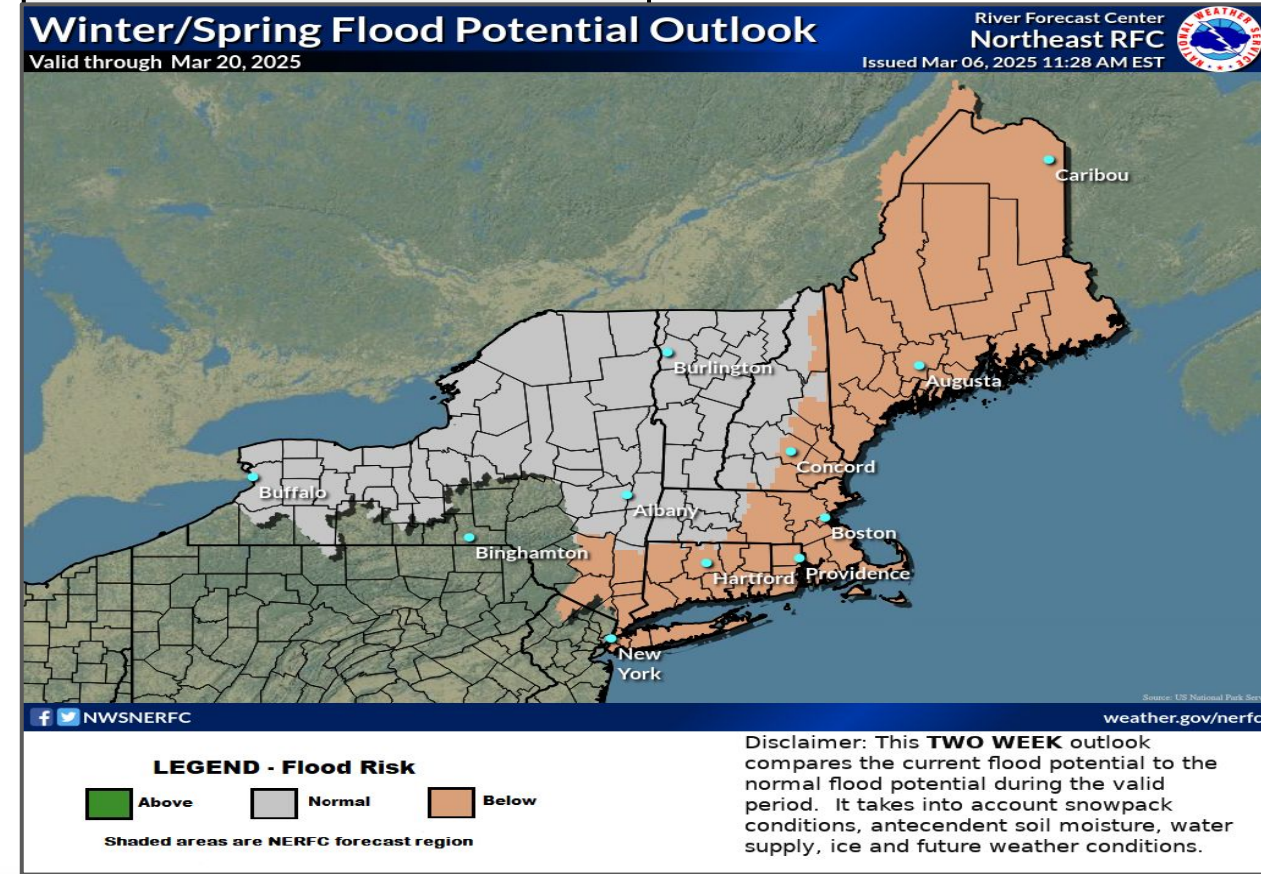
**OUTLOOK CHALLENGES**

- A relatively quiet, late-winter weather pattern is expected through the outlook period. After seasonable cold returns early in the period, a return of milder weather is likely thereafter. However, no large-scale heavy rainfall events are anticipated at this time.

**ADDITIONAL INFORMATION**

- **Recent precipitation:** Near to above normal
- **Snow cover:** Near to above normal
- **Snow water equivalent:** Near to above normal
- **River levels:** Above normal
- **Soil moisture:** Near to below normal
- **Groundwater:** Variable
- **Temperature outlook:** Above normal for the outlook period as a whole
- **Precipitation outlook:** Above normal for the outlook period as a whole

FLOOD POTENTIAL	REGIONS
Above	None
Normal	All areas for open water & ice jam flooding
Below	None
Next Briefing	March 20, 2025

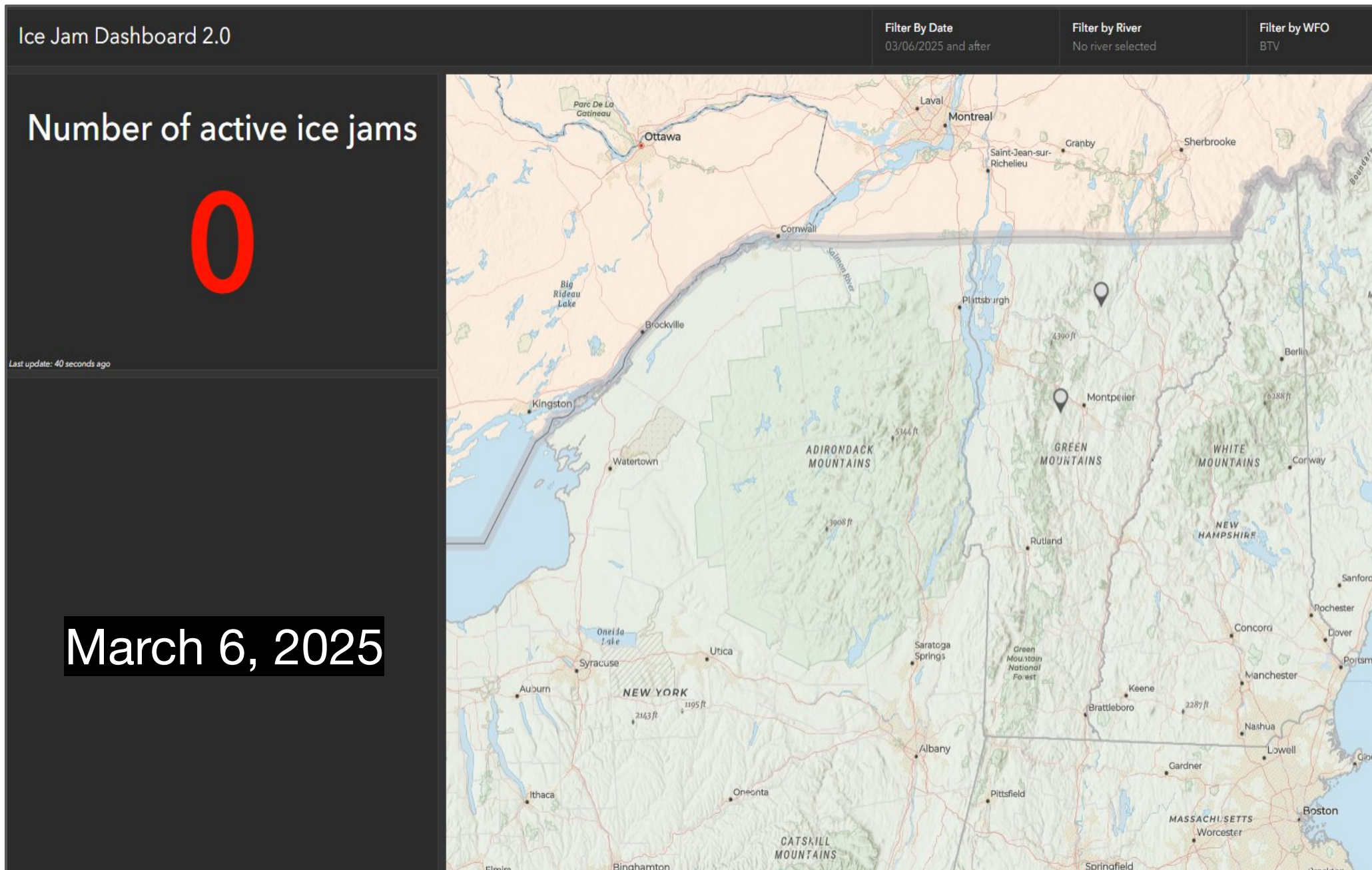




# Ongoing Flooding

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- Two reports of minor ice jam flooding were noted today.
- Those occurred in Moretown along the Mad River, and in Lowell on the East Br. of the Missisquoi R. (gray pins on map)
- Those jams have now cleared.





# Snowpack Data for March 5, 2025

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Snowpack has partially melted and compacted over the past 24 hours

## Snow Depths

Champlain, Lower CT, and St Lawrence Valleys: ~ 4 to 12 in.

Mid-terrain (1000-2500 ft): ~ 1 to 2.5 ft.

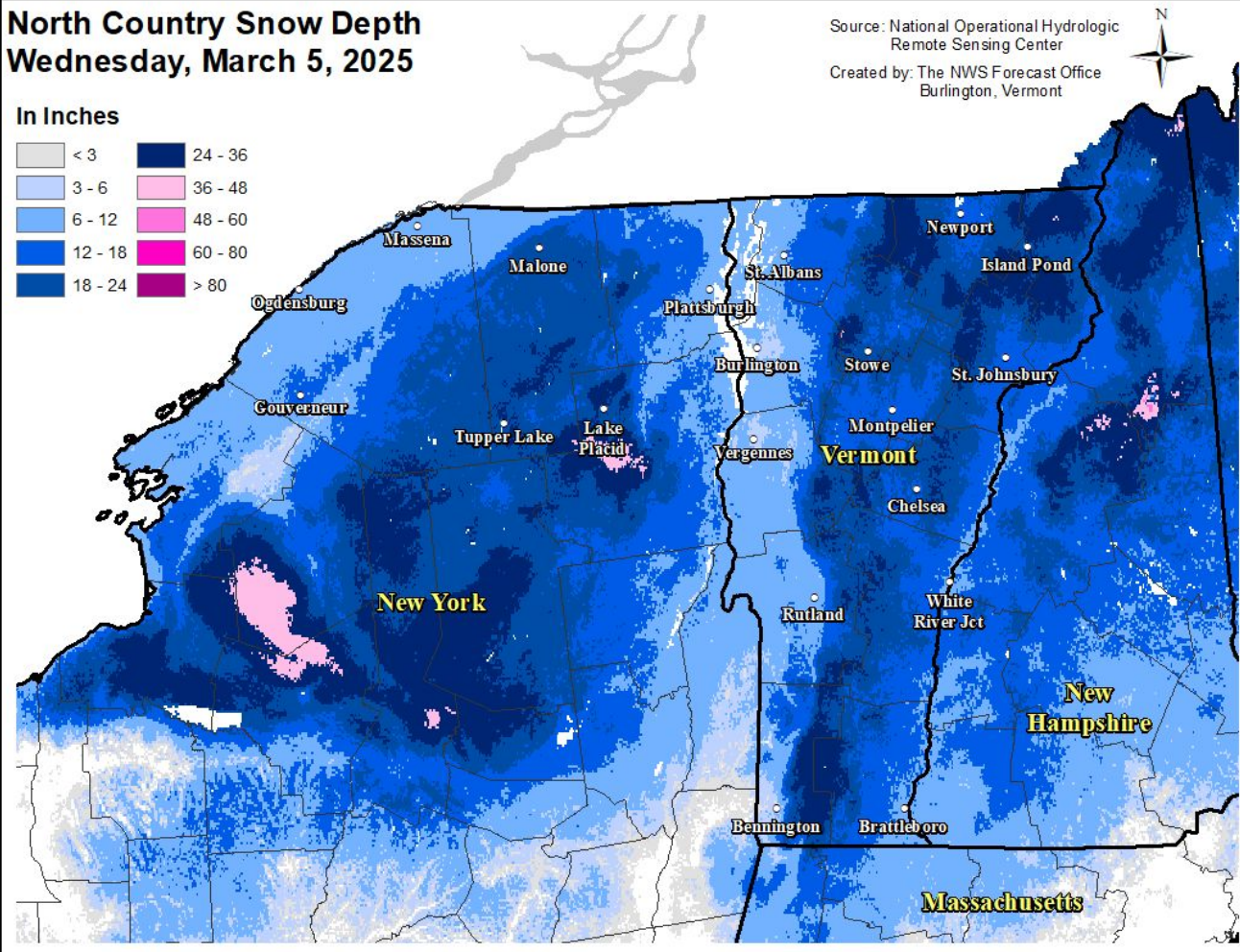
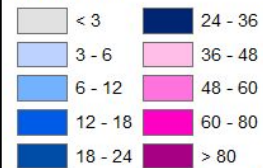
Higher terrain and summits (>2500 ft): 3 to 6+ ft.

**Normal to above normal**

## North Country Snow Depth Wednesday, March 5, 2025

Source: National Operational Hydrologic  
Remote Sensing Center  
Created by: The NWS Forecast Office  
Burlington, Vermont

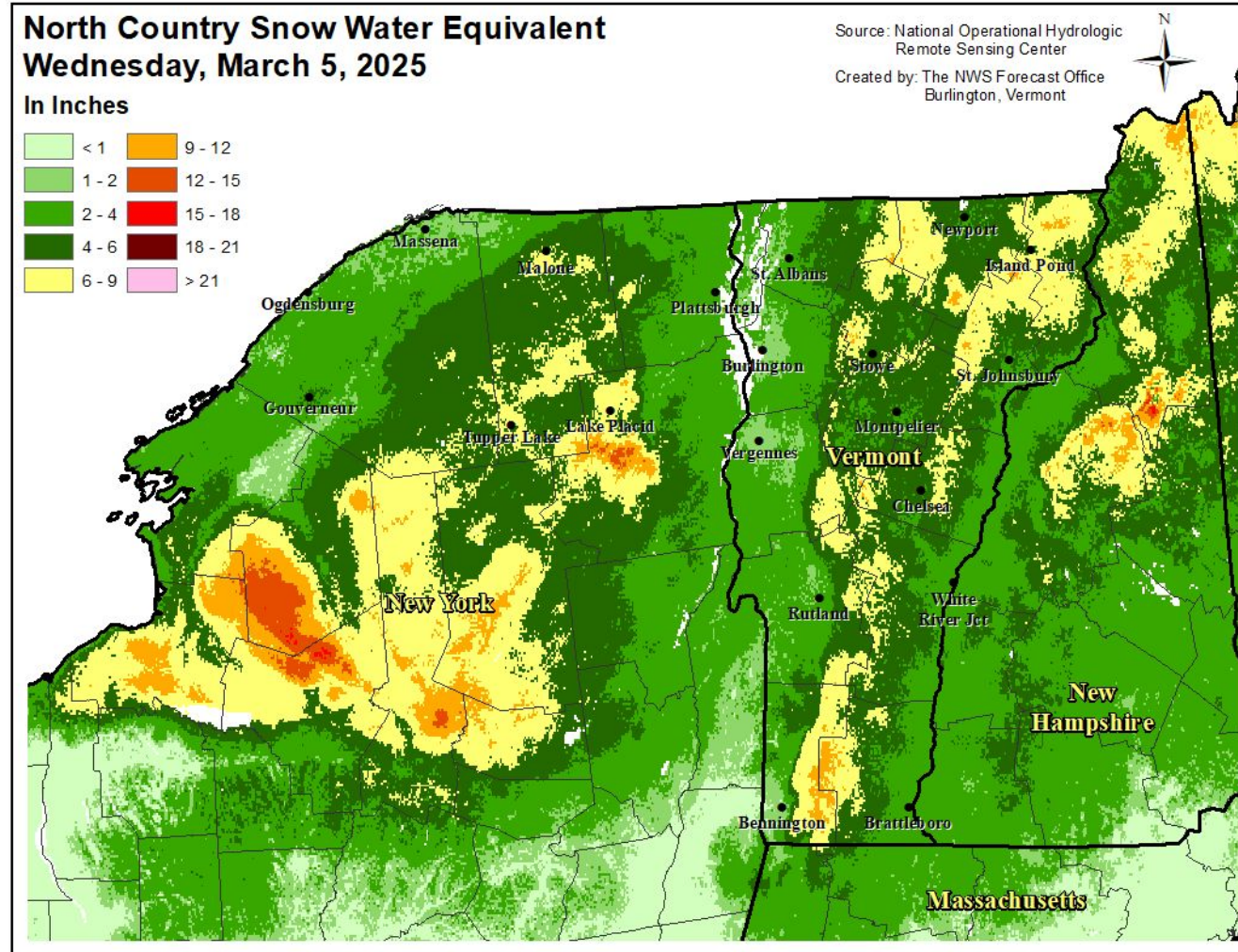
In Inches



## North Country Snow Water Equivalent Wednesday, March 5, 2025

Source: National Operational Hydrologic  
Remote Sensing Center  
Created by: The NWS Forecast Office  
Burlington, Vermont

In Inches



## Water Equivalents

Champlain, Lower CT, and St Lawrence Valleys: ~0.5 to 1.5 in.

Mid-terrain (1000-2500 ft): ~ 2 to 5 in.

Higher terrain and summits (>2500 ft): ~ 3.0 to 6.0+ in.

**Normal to above normal**



# River Ice Coverage

March 6, 2025  
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As of March 6, 2025

- **Some ice movement, and occurrence of a few ice jams have occurred over the past 24 hours.**
- **The threat of isolated ice jam flooding will continue through this evening (March 6), then colder weather returns tonight ending the threat.**
- Seasonable cold returns for this weekend, followed by milder weather again next week. No large-scale rainfall systems are forecast during this time. However, ample ice still exists on many rivers, so this will still need to be monitored through the coming weeks until full melt-out.



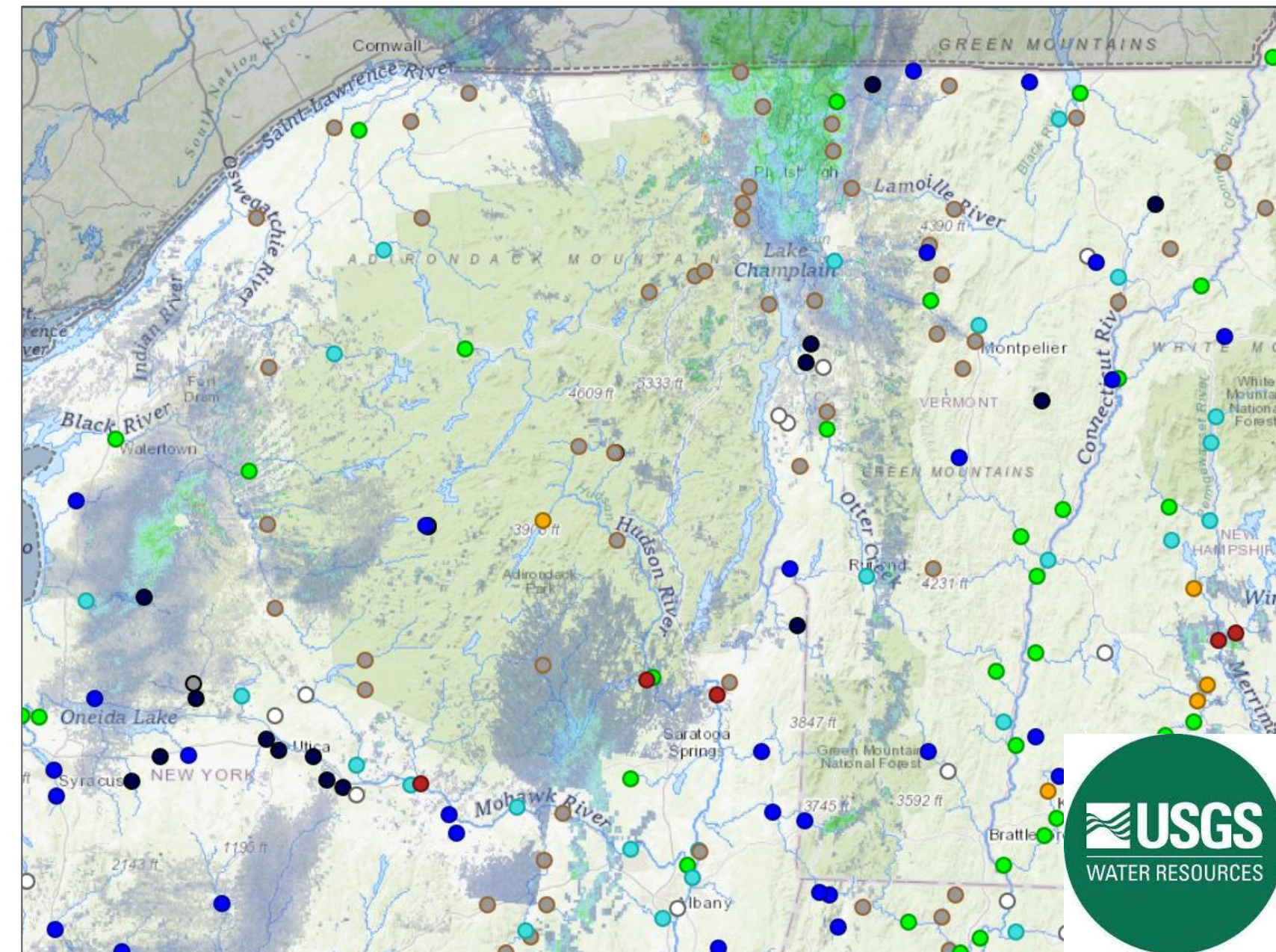
Confluence of Passumpsic and Moose Rivers, St. Johnsbury, VT (2/24/25)



# Current Streamflow across VT and NY

March 6, 2025  
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As of March 6, 2025



**Streamflow: Status**

- Above flood stage
- All-time high for this day (100<sup>th</sup> percentile (maximum) for day)
- Much above normal (>90<sup>th</sup> percentile)
- Above normal (76<sup>th</sup> – 90<sup>th</sup> percentile)
- Normal (25<sup>th</sup> – 75<sup>th</sup> percentile)
- Below normal (10<sup>th</sup> – 24<sup>th</sup> percentile)
- Much below normal (<10<sup>th</sup> percentile)
- All-time low for this day (0<sup>th</sup> percentile (minimum))
- Not flowing
- Not ranked
- Measurement flag
- Recent measurement unavailable

**Comments:** Marker color indicates the current streamflow condition. Categories are based on the percentile of existing streamflow records on this day-of-the-year. A streamgauge is not ranked when there is less than 10 years of record or a current streamflow value is unavailable. Flood stages are maintained by the National Weather Service (NWS) and are not established for all USGS streamgages.

**Data Source:** [USGS Water Data for the Nation](#)

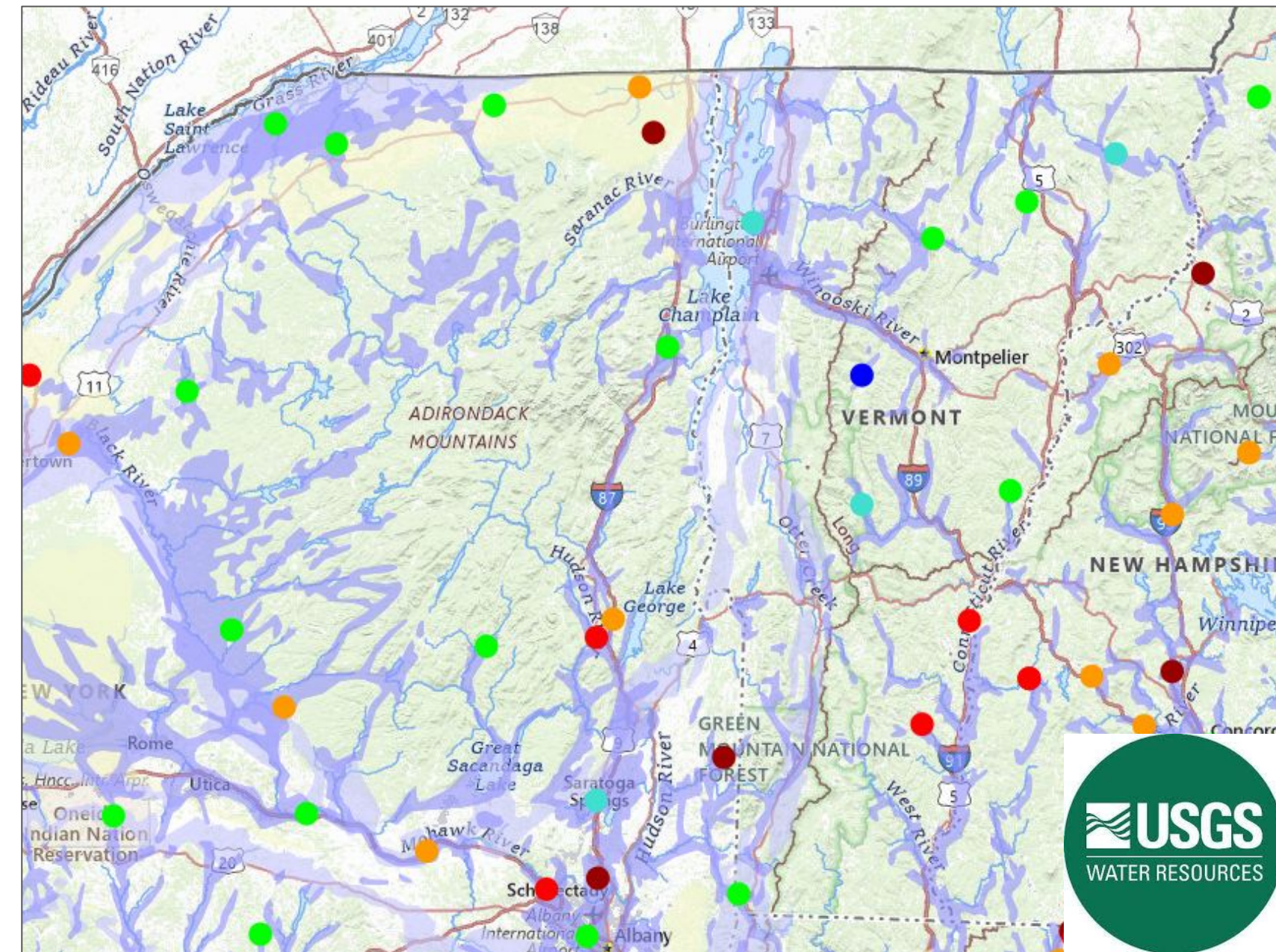
- Flows mainly above normal where reliable data exists (courtesy [USGS Water Dashboard](#))
- Given the higher streamflows, the threat of isolated ice jams will continue through this evening (Mar. 6)



# Groundwater Conditions across VT and NY

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As of March 6, 2025



**Site Locations**

- Default
- Most Recent Water Level

**Percentiles**

- Low
- <10
- 10 to <25
- 25 to <75
- 75 to <90
- >90
- High

- Currently a mix of above and below normal levels our area (courtesy [USGS via the National Ground-Water Monitoring Network](#))
- Data will become more important once we progress into spring
- No concerns for now.

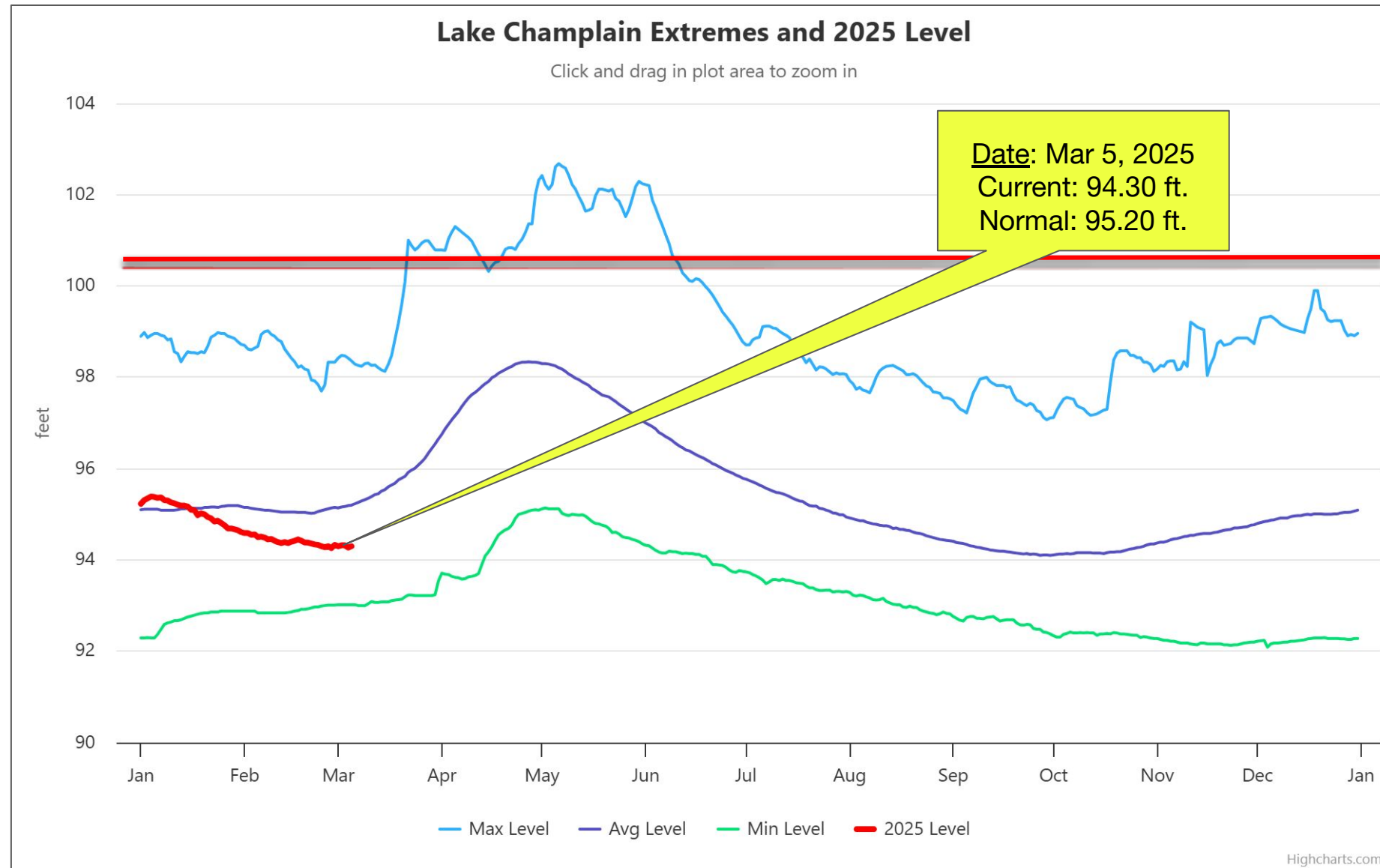


# Lake Champlain

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## Level and overview

- No immediate concerns with current levels slightly below normal as the lake has reached its late winter minimum values.
- Future levels heavily reliant on future precipitation and snowmelt.



Flood Stage (99.5 ft.)





# 6-10 Day Outlooks

March 6, 2025  
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Normal Early to Mid March Temperatures: **Highs: 34 to 42°F**

**Lows: 10°F to 20°F**

**TEMPERATURE: Above Normal**

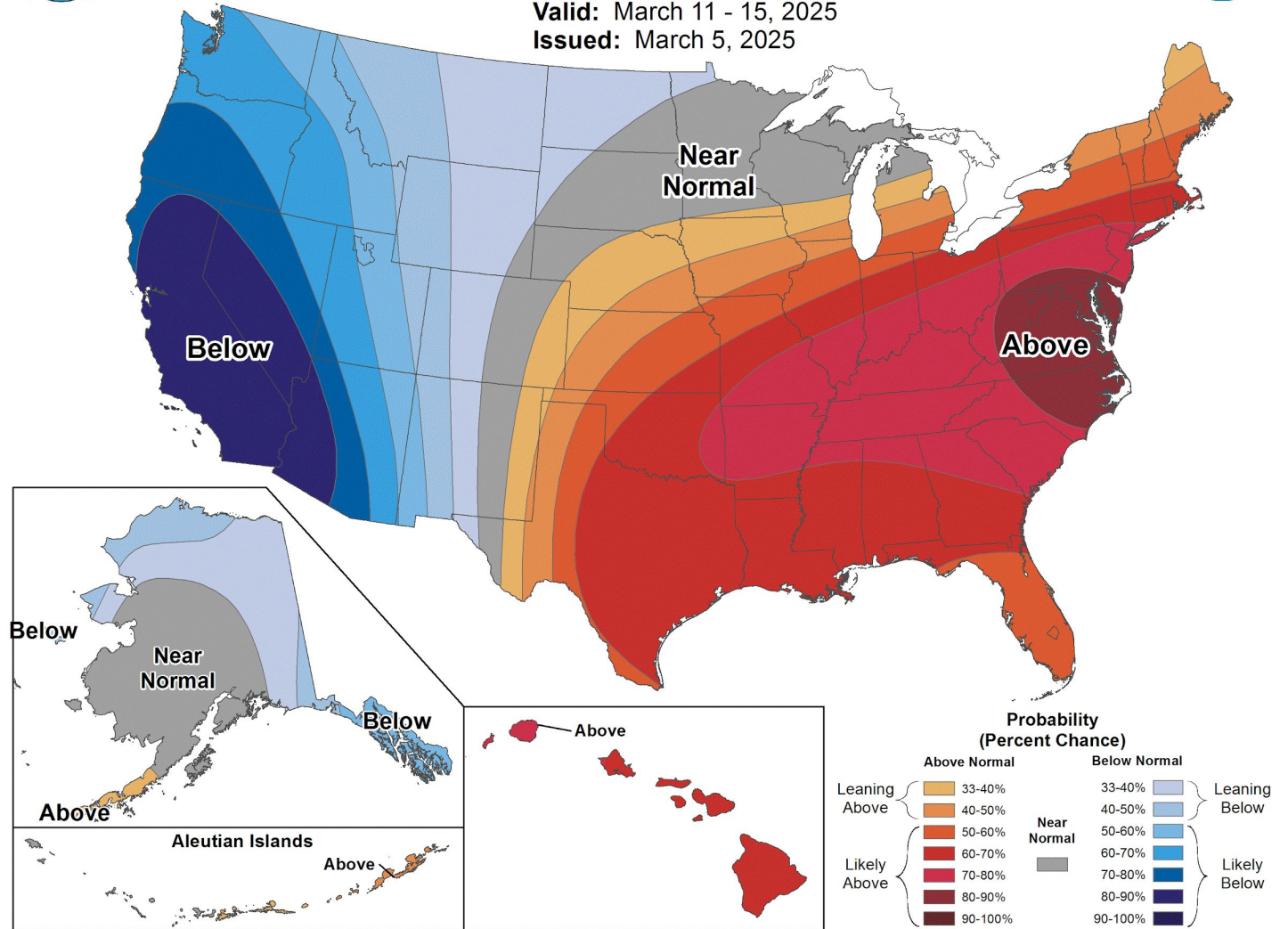
**PRECIPITATION: Above normal**



## 6-10 Day Temperature Outlook



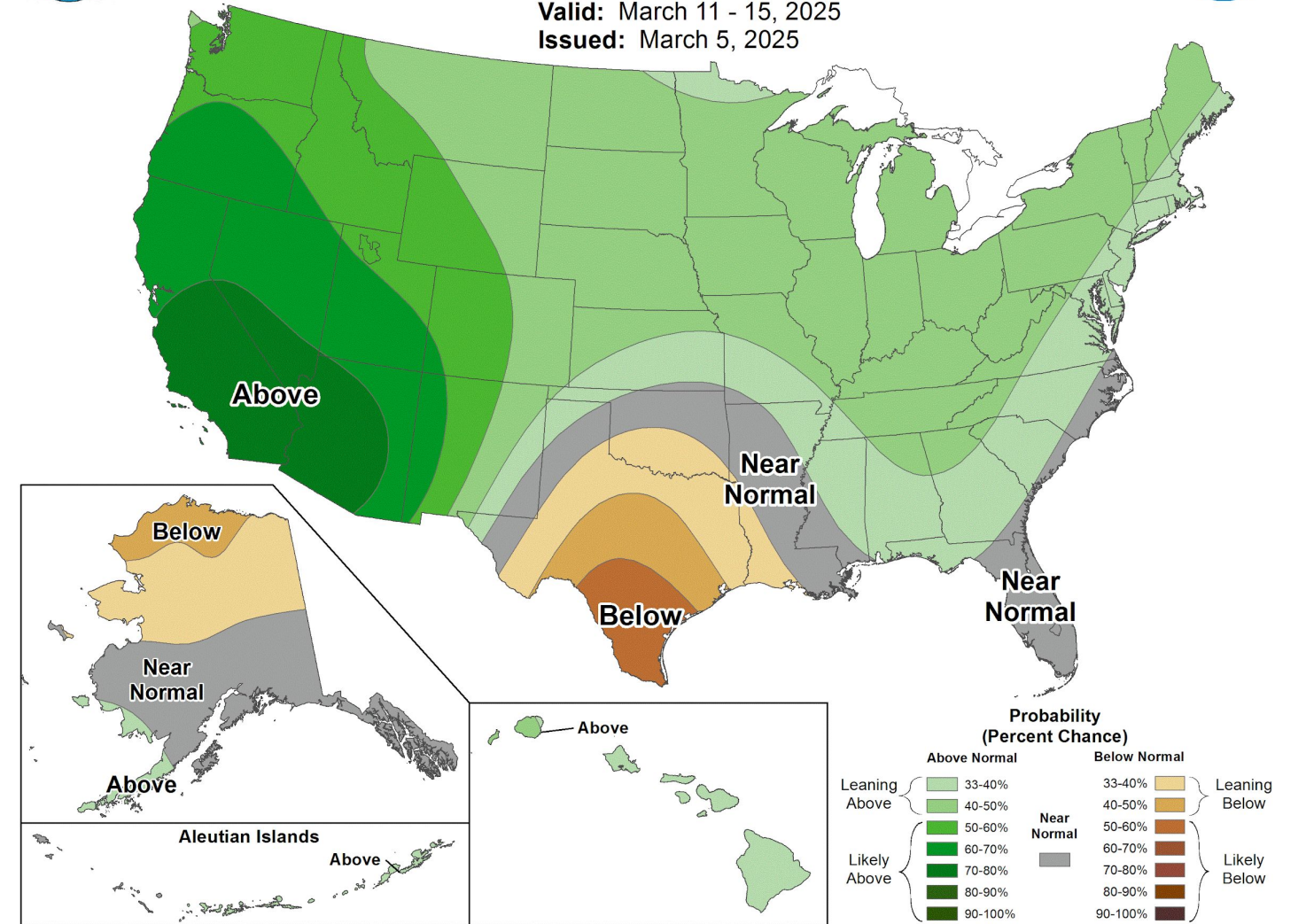
Valid: March 11 - 15, 2025  
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## 6-10 Day Precipitation Outlook



Valid: March 11 - 15, 2025  
Issued: March 5, 2025





# Contact and Next Briefing Information

March 6, 2025  
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For northern New York and all of Vermont

## Contact Information

### Web

→ [weather.gov/burlington](https://weather.gov/burlington)

### Phone (unlisted)

→ (802) 658-0150 or (802) 863-4279

### Email

→ [nwsbtv.info@noaa.gov](mailto:nwsbtv.info@noaa.gov)

### Facebook

→ [www.facebook.com/NWSBurlington](https://www.facebook.com/NWSBurlington)

### Twitter

→ [twitter.com/NWSBurlington](https://twitter.com/NWSBurlington)



## Next Briefing: Issued every two weeks

- Thursday, March 20, 2025
- Method: Sent via email by 5 pm



## Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: Wednesday, February 19, 2025

